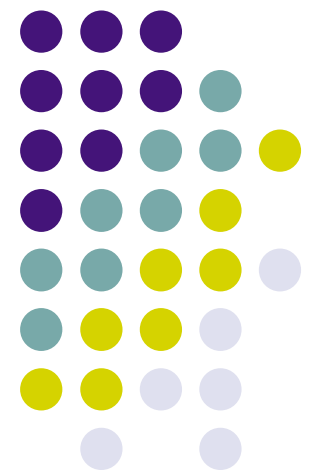


Open Access for the Medical Librarian

Andrew Waller & Heather Morrison

Canadian Health Libraries Association 2006
Conference: Pearls of Wisdom

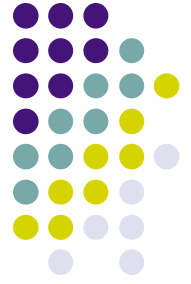




Open Access: A Definition

- OA is “free availability on the public internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, crawl them for indexing, pass them as data to software, or use them for any other lawful purpose, without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself.” (Budapest Open Access Initiative, www.soros.org/openaccess/read.shtml)

Some Reasons For Open Access



- Access to research information
- Access to taxpayer-funded research
- Facilitates evidence-based medicine
- Promotes equity of access
- Author control
- Library costs

Main Flavours Of Open Access



- Author self-archiving
- Open Access publishing



Author Self-Archiving

- Lists of OARs:
 - Directory of Open Access Repositories (www.opendoar.org)
 - Registry of Open Access Repositories (archives.eprints.org)
 - CARL Institutional Repositories Project (www.carl-abrc.ca/projects/institutional_repositories/institutional_repositories-e.html)
- Landspítali University Hospital research archive (landspitali.openrepository.com/lsh)
- Some subject repositories:
 - PubMed Central (www.pubmedcentral.nih.gov)
 - E-LIS (eprints.rclis.org)
- Publisher copyright & self-archiving policies (www.sherpa.ac.uk/romeo.php)



Open Access Publishing

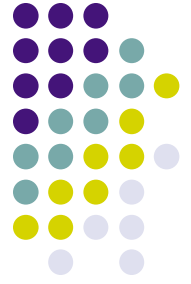
- Directory of Open Access Journals (DOAJ) (www.doaj.org)
- Free Medical Journals (www.freemedicaljournals.com)
- BioMed Central (www.biomedcentral.com)
- Paying for Open Access publishing: - many options!



Some Issues

- Economic models for Open Access
- Getting content into repositories
- The library situation

Open Access Policy and Research Funders



- Open Access is the optimum for dissemination of research
- Open Access means:
 - More researchers to continue next steps
 - More impact for professionals, educators and others
 - Show value to the taxpayer
 - support for more research \$

Quote posted on CIHR web site:

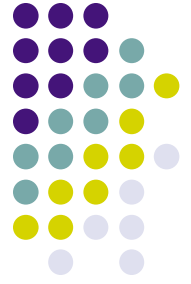
“Universal adherence, without exception, to a principle of full disclosure and unrestricted access to data and materials that are central or integral to published findings will promote cooperation and prevent divisiveness in the scientific community, maintain the value and prestige of publication, and promote the progress of science (U.S. National Academies of Sciences)”



U.S. National Institute of Health

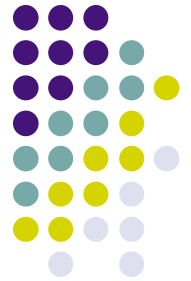
- NIH Public Access Policy (2005)
(<http://publicaccess.nih.gov/>)
- NIH: *“requests and strongly encourages all investigators to make their NIH-funded peer-reviewed, author's final manuscript available to other researchers and the public through the NIH National Library of Medicine's (NLM) PubMed Central (PMC) immediately after the final date of journal publication.”*

NIH...dismal compliance, & next steps



- less than 5% compliance
- Research: 81% of researchers willing
- Public Access Working Group recommends:
 - Change request to requirement
 - Shorten permissible delay to 6 months

U.S. Federal Research Public Access Act of 2006 (FRPAA)



- Federal funding agencies with extramural research budget of \$100 million or more:
- Implement public access policy
- Researchers *required* to supply an electronic copy of manuscript accepted for publication
- Open access within 6 months of publication
- Resources on FRPAA, from Alliance for Taxpayer Access site:
<http://www.taxpayeraccess.org/frpaa/index.html>
- Endorsed by: ALA, ARL, ACRL, MLA, SLA, AALL

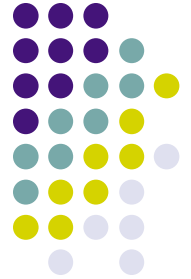


Wellcome Trust

- Open and Unrestricted Access to Published Research
- Grantees must deposit articles within 6 months of publication in PubMedCentral (PMC)
- PMC UK in development
- All grants awarded since October 2005

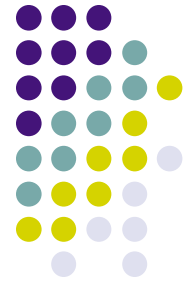
http://www.wellcome.ac.uk/doc_WTD002766.html

Canadian Institutes for Health Research (CIHR)



- Policy in development:
Access to Products of Research
- Survey - comments due May 15, 2006
- <http://www.cihr-irsc.gc.ca/e/30948.html>
- Suggestions for responses:
- <http://poeticeconomics.blogspot.com/2006/05/canadian-institutes-of-health-research.html>

Policy & Open Access Archives (Institutional Repositories) - Required Deposit at:

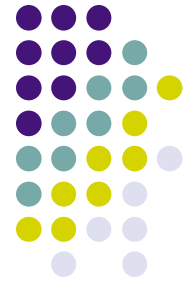


- CERN: over 360,000 documents
- Queensland Institute of Technology
- Lund University
- Southampton University
- In development: Athabasca University



What's coming

- Dramatic growth in OA
- Directory of Open Access Journals
 - 2,225 journals as of May 8, 2006
 - Average 1.5 - 2 titles added per day
- OAIster (federated archive search):
 - 7.3 million records, 634 institutions
- Growth in PubMed fulltext
- More, broader mandates
- For libraries and librarians: transitional times, new roles - more info literacy, reference / research, collections as archives



What you can do

- Promote open access resources
 - Links to PubMedCentral & DOAJ on website
 - Set up DOAJ as a link resolver target
 - Encourage OA publishing & self-archiving
- Develop & support an open access policy
- Sign the Budapest Open Access Initiative
<http://www.soros.org/openaccess/>
- Comment on CIHR draft policy



Some Conclusions

- Open Access resources are significant, and growing
- Open Access is a multi-armed creature – there are many approaches to Open Access
- We live in interesting times – many open access policy initiatives in progress
- The final conclusions: up to us!



Resources

- PubMedCentral: A Free Archive of Life Sciences Journals
(<http://www.pubmedcentral.nih.gov/>)
- NIH Public Access Home Page:
(<http://publicaccess.nih.gov/>)
- The Wellcome Trust: Open and unrestricted access to the outputs of published research
(<http://www.wellcome.ac.uk/node3302.html>)



Resources

- Peter Suber's Open Access Overview
(<http://www.earlham.edu/~peters/fos/overview.htm>)
- Open Access News
(<http://www.earlham.edu/~peters/fos/fosblog.html>)
- Swan, Alma. Open Access Self-Archiving: an Introduction
(<http://eprints.ecs.soton.ac.uk/11006/>)
- Elektronische Zeitschriftenbibliothek Jahresbericht
http://rzblx1.uni-regensburg.de/ezeit/anwender/Jahresbericht_EZB_2005.pdf



Your Speakers

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<http://poeticeconomics.blogspot.com>



Questions for you...

CIHR Access to Products of Research and...

- Association of Faculties of Medicine in Canada?
- CHLA?

OA Librarian blog?

Questions for us?